

IN THE ABSTRACT

Please amend the abstract as follows:

A treatment planning, simulation, and verification system is described.

According to one embodiment, a treatment plan and a fluoroscopy data image of a treatment volume are received and the treatment plan is automatically adjusted based on the movement of the fluoroscopy data image. According to another embodiment, a system includes a treatment planning component to generate a treatment plan and a simulation component to simulate the execution of the treatment plan.